

# Unit 9 Day 6

## QUIZ REVIEW

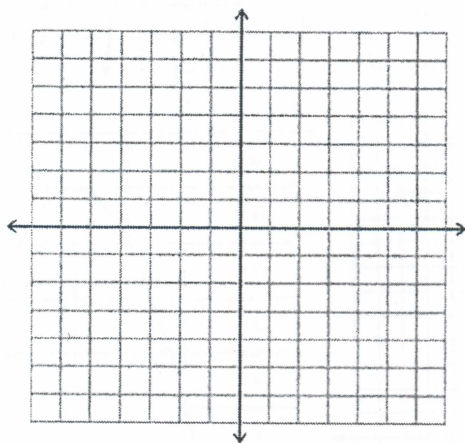
Name: \_\_\_\_\_

Date: \_\_\_\_\_ Per: \_\_\_\_\_

Graph using a table. Draw in the Axis of Symmetry. State the Vertex ( \_\_ , \_\_ ) and whether it is a Maximum or a Minimum.

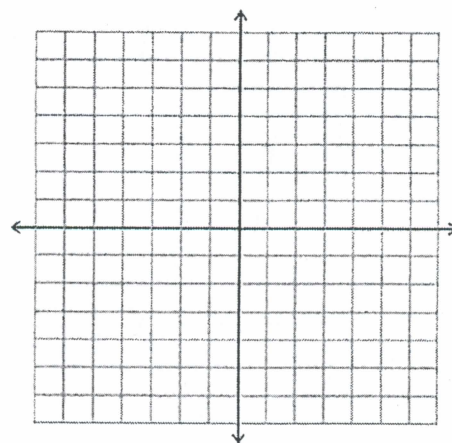
1.  $y = x^2 - 2x - 3$

x	y



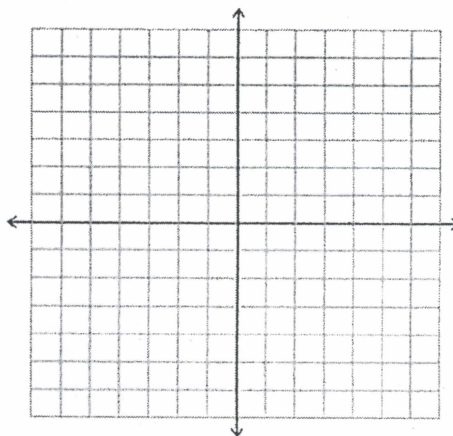
2.  $y = x^2 + 2x$

x	y

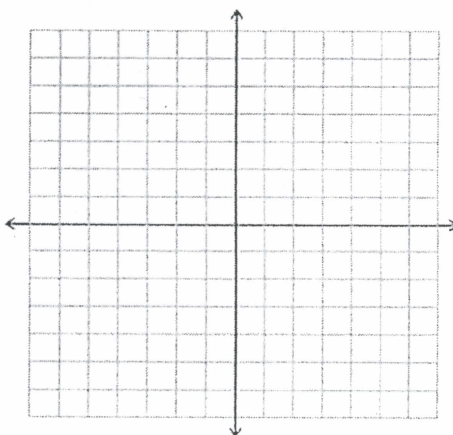


Graph using the Axis of Symmetry and the Vertex.

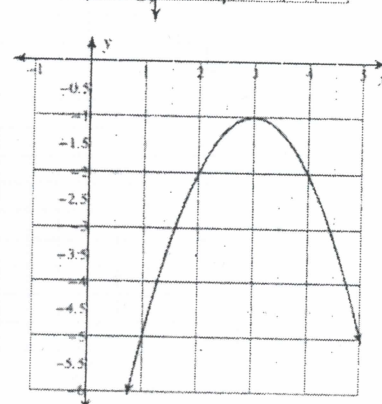
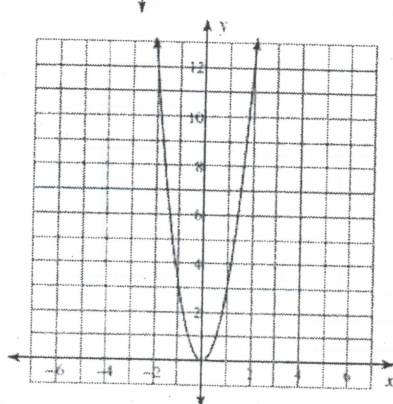
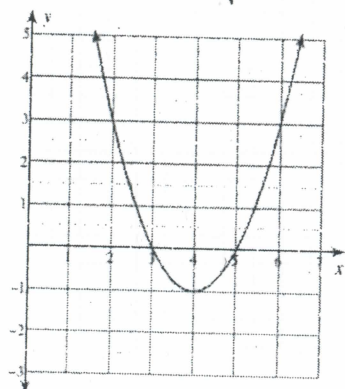
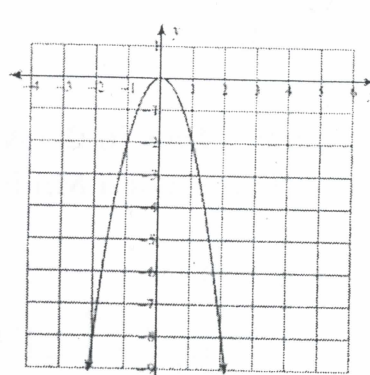
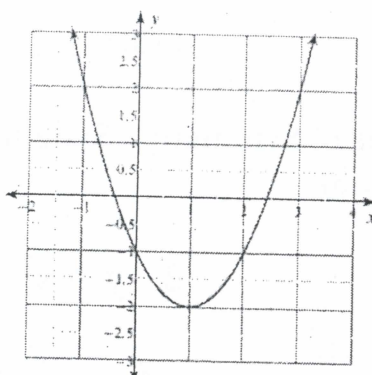
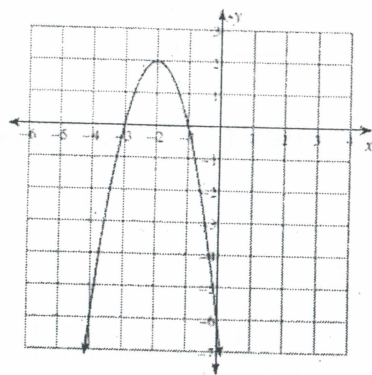
3.  $y = 2x^2 - 8x + 3$



4.  $y = -x^2 + 4$

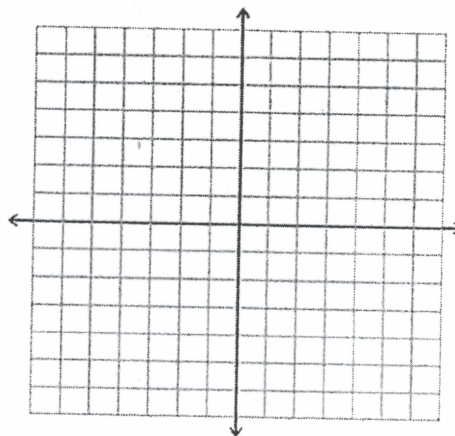


State the Solutions:



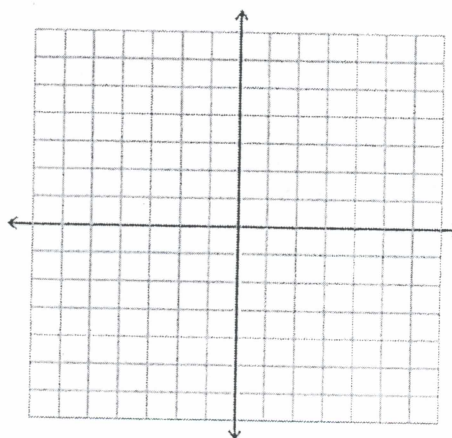
Graph using any method to find the Solutions:

5.  $y = -4 + x^2$



Solutions: \_\_\_\_\_

6.  $y = -x^2 - 6x - 8$



Solutions: \_\_\_\_\_

Find the solutions to the following quadratic equations.

7.  $(x + 5)(x - 1) = 0$

8.  $(2x - 4)(x + 3) = 0$

9.  $x^2 + 5x - 24 = 0$

10.  $x^2 - 8x + 12 = 0$

11.  $2x^2 - 36 = 0$

12.  $4x^2 - 64 = 0$

13.  $x^2 + 20 = -9x$

14.  $48 = x^2 - 8x$